

Community Air Quality - PM_{2.5} (Fine Particulate Matter)

Air Pollution Control District



KPI Owner: Community KPI

Process: Air Monitoring

Baseline, Goal, & Benchmark	Source Summary	Continuous Improvement Summary
Baseline: 12.1 $\mu\text{g}/\text{m}^3$ in 2013 Goal: To meet or achieve 12 $\mu\text{g}/\text{m}^3$ Benchmark: TBD	Data Source: APCD Air Monitoring Section Goal Source: National Ambient Air Quality Standards Benchmark Source: TBD	Plan-Do-Check-Act Step 8: Monitor and diagnose Measurement Method: Rolling 3-yr avg of PM _{2.5} for the Louisville MSA Why Measure: Required EPA metric defined in the Clean Air Act national standards to provide protection for public health and the environment Next Improvement Step: Continue to implement and enforce national, state, and local regulatory standards. Support community efforts to reduce pollution from additional sources, including mobile and area sources that are not otherwise regulated by local or state air quality standards.

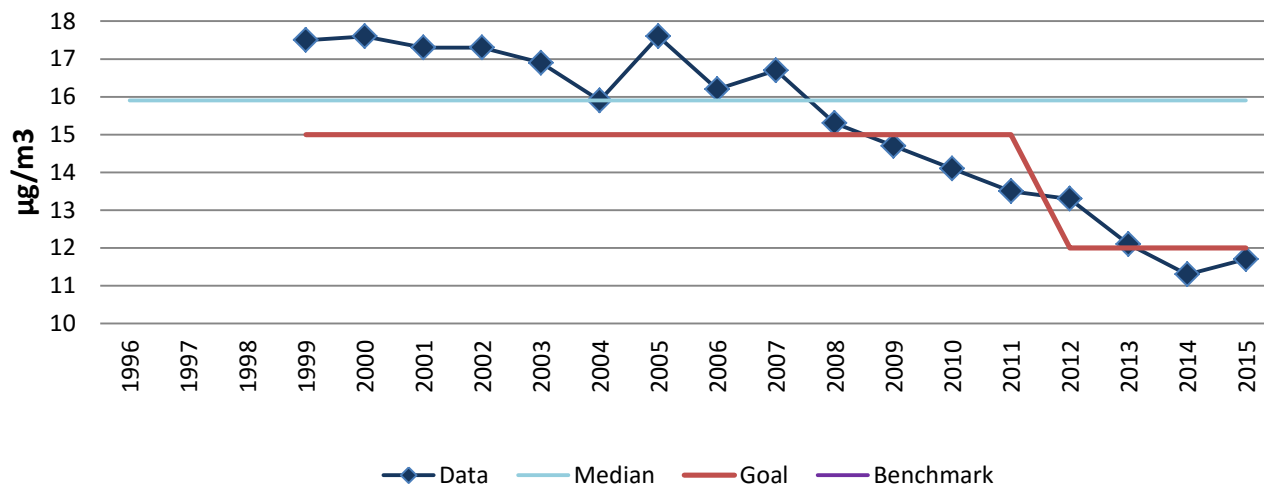
How Are We Doing?

2011-2015 5 Year Goal	2011-2015 5 Year Actual		2015 Goal	2015 Actual	
12.6	12.4		12.0	11.7	
$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$		$\mu\text{g}/\text{m}^3$	$\mu\text{g}/\text{m}^3$	

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Good



Root cause analysis is not necessary because there is no gap between the goal and current performance.